PTO/SB/05 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Attorney Docket No.	2229/146	
First Inventor	Christopher C. Langenfeld	WES .
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	EV 291512594 US	164

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See WIFEP Chapter 600 conce.	ION ELEMENTS ming utility patent application contents.	ADDRESS TO:	Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria VA 22313-1450
See 37 CFR 1.27. Specification (preferred arrangement see Descriptive title of the inv Cross Reference to Relate - Statement Regarding Fec Reference to sequence listor a computer program listor a computer program listor a computer program listor a computer program listor and series of the Invention of the Dr Brief Summary of the Invention of the Dr Detailed Description of the Dr Detailed Description - Claim(s) - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 1 5. Oath or Declaration - a. X Newly executed (original listor of the Dr Signed statement attain name in the prior apple 1.63(d)(2) and 1.33(b) 6. X Application Data Sheet.	aduplicate for fee processing) entity status. [Total Pages 7	7. CD-ROM or CD-F Computer Progra 8. Nucleotide and/or Ami (if applicable, all nece, a. Computer R b. Specification i. CD-RO ii. Paper c. Statements of ACCOMPANYIN 9. X Assignment Paper 10. 37 CFR 3.73(b) Signification Discident (IDS)/F 11. English Translation Discident (IDS)/F 12. X Information Discident (IDS)/F 13. Preliminary Amen 14. X Return Receipt Polymore (Should be specification Preliminary Amen 14. X Return Receipt Polymore (Should be specification Receipt Polymore) (Should be speci	R in duplicate, large table or m (Appendix) no Acid Sequence Submission sary) no Acid Sequence Submission sary) eader Form (CRF) I Sequence Listing on: DM or CD-R (2 copies); or Verifying identity of above copies IG APPLICATION PARTS Prospective of Attorney on Document (if applicable) District of Applicable of IDS Citations I Copies of IDS Citations I
Prior application information:	Examiner Nguyen, H. APPS only; The entire disclosure of the ure of the accompanying continuation pon when a portion has been inadverted.	prior application, from the order to make the control of prior application and is hereafty omitted from the order to make the control of the	lication No.: 09/883,080
X Customer Number or Bar Code L		ENCE ADDRESS	
Name		OF	Correspondence address below
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Signature		Registration No. (Attorney/Agent	48,241
This collection of information is required by 37 an application. Confidentiality is governed by 3	CFR 1.54b). The information is required to	obtain or retain a honest but	Date 07/08/2003

This collection of information is required by 37 CFR 1.5(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is govered by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Complete if Known				
Application Number		_		
Filing Date	July 8, 2003			
First Named Inventor	Christopher C. Langenfeld	_		
Examiner Name	N/A	_		
Art Unit	N/A	_		

for FY 2003 Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27		Addi		umo	N/A	
TOTAL AMOUNT OF PAYMENT (\$) 862.00	-	Art Ur			2220/146	
(¢) 602.00		Attorn	ey Do	cket N	2229/140	
METHOD OF PAYMENT (check all that apply)				FEE	CALCULATION (continued)	
X Check Credit card Money Other None	3. A[DDITI	ONAL	FEE	S	
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Deposit		Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Account Number		130	2051	65	Surcharge - late filing fee or oath	
Deposit Account		50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name		130	1053	130	Non-English specification	
The Commissioner is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812		For filing a request for ex parte reexamination	
Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month	
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month	
Fee Fee Fee Fee Pee Pee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month	
1001 750 2001 275 Hilling for	1255	1,970	2255	985	Extension for reply within fifth month	
1002 330 2002 165 Design filing fee 750.00	1401	320	2401	160	Notice of Appeal	
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451 1	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1	1,300	2453	650	Petition to revive - unintentional	
Fee from	1501 1		2501	650	Utility issue fee (or reissue)	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1502	470	2502	235	Design issue fee	
Independent 2 3** 0 V	1503 1460	630	2503	315	Plant issue fee	
Claims 2 - 3** = 0 X = 0 Multiple Dependent		130	1460	130	Petitions to the Commissioner	
	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Fee Fee Fee Fee Description	1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 72.00		fee (sp	ecify) _			
**or number previously paid, if greater; For Reissues, see above	*Redu	ced by	Basic I	Filing F	ee Paid SUBTOTAL (3) (\$)	40.00

SUBMITTED BY (Complete (if applicable) Registration No. Name (Print/Type) Telephone 617-443-9292 48,241 John 🌡 .. Conway (Attorney/Agent) July 8, 2003 Signature

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Christo

Christopher C. Langenfeld, Stanley B. Smith III

Application No.: not yet assigned

Group No.: N/A

Filed: herewith

Examiner: N/A

For: Reduced Weight Guide Link

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John L. Conway

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